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## What is claimed is:

- 1. A hands-free device for a portable electronic unit, the device comprising:
  - a. a housing for accommodating electrical circuitry;
  - b. a cable for coupling to a portable electronic device, the cable comprising a device specific connector;
  - c. a power connector for coupling power to the device; and
  - d. a connector for coupling to a radio back plate, wherein the connector for coupling to the radio back plate comprises at least a mute signal and an audio signal;

wherein the mute signal is actuated when data is transmitted from the device to the radio back plate.

- 2. The device of claim 1, further comprising a microphone and electrical circuitry for processing signals from the microphone.
- 3. The device of claim 2, wherein the electrical circuitry comprises:
  - a. an audio amplification circuit for amplifying the audio signal; and
  - b. a switching circuit for actuating the mute signal.
- 4. The device of claim 3, wherein the portable electronic unit comprises a mobile telephone.
- 5. A hands free device for a portable electronic unit, the device comprising:
  - a. a housing for accommodating electrical circuitry;
  - a cable for coupling to a portable electronic device, the cable comprising a device specific connector;
  - c. a power connector for coupling power to the device; and

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d.	a connector for coupling to a radio back plate, wherein the connector for
	coupling to the radio back plate comprises at least a mute signal and an audio
	signal;

wherein the mute signal is actuated when data is transmitted from the device to the radio back plate, and

wherein the housing comprises a first part and a second part, wherein the first part has a first mating means for mechanically coupling to the second part, and the second part has a corresponding mating means for coupling to the first part.

- 6. The device of claim 5, wherein the first part further comprises a first set of electrical connectors and the second part comprises a corresponding set of electrical connectors.
- 7. The device of claim 6, wherein the first part is capable of mechanically and electrically coupling to the second part.
- 8. The device of claim 7, wherein the portable electronic unit is selected from the group consisting of mobile telephones, personal data assistants, computers, compact disc players and MP3 players.
- 9. A system for providing high fidelity hands free operation for a portable electronic unit, the system comprising:
  - a. a radio having a mute input and an audio in input, wherein when the mute input
    is actuated the radio switches the signal coupled to at least one loudspeaker from
    radio reception to the audio in input;
  - b. a portable electronic unit having at least an audio output; and
  - c. an interface device having:
    - i. means for connecting the device to the portable electronic unit;
    - ii. means for coupling the device to the mute input;
    - iii. means for coupling the device to the audio in input of the radio; and

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- iv. means for detecting activity of the portable electronic unit and actuating the means for coupling the device to the mute input upon detection of the activity.
- 10. The device of claim 9, wherein the interface device further comprises a microphone and microphone amplification circuitry.
- 11. The device of claim 11, wherein the portable electronic unit comprises a mobile telephone.